

GenCore version 5.1.3
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OW protein - protein search, using sw model

Run on: March 14, 2003, 05:26:26 ; Search time 18.3596 Seconds
(without alignments)
647.715 Million cell updates/sec

Title: US-09-698-781-3

Sequence: 1 MKQILHPALERTANTLPVL.....KHQIVRDCSKASCNSNSIT 258

Scoring table:

BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 199416 seqs, 46092074 residues

Total number of hits satisfying chosen parameters: 199416

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications_AA.*
1: /cgn2_6/ptodata/2/pubpaa/US08_NEM_PUB pep.*
2: /cgn2_6/ptodata/2/pubpaa/CTC_NEM_PUB pep.*
3: /cgn2_6/ptodata/2/pubpaa/US06_NEM_PUB pep.*
4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB pep.*
5: /cgn2_6/ptodata/2/pubpaa/US07_NEM_PUB pep.*
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7: /cgn2_6/ptodata/2/pubpaa/FC05_PUBCOMB pep.*
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11: /cgn2_6/ptodata/2/pubpaa/US10_NEM_PUB pep.*
12: /cgn2_6/ptodata/2/pubpaa/US10_PUBCOMB pep.*
13: /cgn2_6/ptodata/2/pubpaa/US60_NEM_PUB pep.*
14: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match Length	ID	Description
1	940	65.5	222	9	US-10-091-135-88
2	667	46.4	223	9	US-10-091-135-87
3	344	24.0	255	10	US-09-876-225-2
4	327.5	22.8	245	9	US-10-091-135-86
5	325	22.6	266	10	US-09-876-225-3
6	318	22.1	302	10	US-09-925-301-853
7	301.5	21.0	242	9	US-10-028-072-262
8	301.5	21.0	242	9	US-10-121-049-262
9	301.5	21.0	242	9	US-10-123-904-262
10	301.5	21.0	242	9	US-10-140-470-262
11	301.5	21.0	242	9	US-10-175-746-262
12	301.5	21.0	242	9	US-10-176-921-262
13	301.5	21.0	242	9	US-10-137-865-262
14	301.5	21.0	242	9	US-10-140-474-262
15	301.5	21.0	242	9	US-10-143-114-262
16	301.5	21.0	242	9	US-10-140-002-262
17	301.5	21.0	242	9	US-10-142-419-262
18	301.5	21.0	242	9	US-10-142-419-262
19	301.5	21.0	242	9	US-10-142-419-262

20	295.5	20.6	497	9	US-10-227-884-56	Sequence 56, App1
21	295.5	20.6	497	9	US-10-210-163-56	Sequence 56, App1
22	295.5	20.6	497	9	US-10-218-631-56	Sequence 56, App1
23	293.5	20.6	497	9	US-10-230-328-56	Sequence 56, App1
24	291	20.3	463	9	US-09-905-281A-285	Sequence 285, App
25	291	20.3	463	9	US-09-902-853-285	Sequence 285, App
26	291	20.3	463	9	US-09-907-824-285	Sequence 285, App
27	291	20.3	463	9	US-09-907-824-285	Sequence 285, App
28	291	20.3	463	9	US-09-904-011-285	Sequence 285, App
29	291	20.3	463	9	US-10-028-072-360	Sequence 360, App
30	291	20.3	463	9	US-09-906-742-285	Sequence 285, App
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33	291	20.3	463	9	US-10-140-470-360	Sequence 360, App
34	291	20.3	463	9	US-09-906-838-285	Sequence 285, App
35	291	20.3	463	9	US-09-907-613-285	Sequence 285, App
36	291	20.3	463	9	US-09-907-942-285	Sequence 285, App
37	291	20.3	463	9	US-10-175-746-360	Sequence 360, App
38	291	20.3	463	9	US-10-176-918-360	Sequence 360, App
39	291	20.3	463	9	US-10-176-921-360	Sequence 360, App
40	291	20.3	463	9	US-10-137-865-360	Sequence 360, App
41	291	20.3	463	9	US-10-140-474-360	Sequence 360, App
42	291	20.3	463	9	US-09-904-820-285	Sequence 285, App
43	291	20.3	463	9	US-09-904-859-285	Sequence 285, App
44	291	20.3	463	9	US-09-909-204-285	Sequence 285, App
45	291	20.3	463	9	US-10-142-431-360	Sequence 360, App

ALIGNMENTS

RESULT 1
US-10-091-135-88
Sequence 88, Application US/10091135
Publication No. US200303039660A1
GENERAL INFORMATION:
APPLICANT: King, Te Pao
TITLE OF INVENTION: RECOMBINANT HYBRID ALLERGEN CONSTRUCTS WITH REDUCED
FILE REFERENCE: 2313/14587-US1
CURRENT FILING DATE: 2002-03-04
PRIOR FILING DATE: 2001-03-02
NUMBER OF SEQ ID NOS: 98
SOFTWARE: PatentIn version 3.1
SEQ ID NO 88
LENGTH: 222
TYPE: PRT
ORGANISM: Homo sapiens
US-10-091-135-88

Query Match 65.5%: Score 940; DB 9; Length 222;
Best Local Similarity 72.5%: Pred. No. 9.4e-80;
Matches 161; Conservative 25; Mismatches 36; Indels 0; Gaps 0;
DB 1 KDPATFALLTTOLOVOREIVYKNEHLKAVSPASNMKMSHEVYTNQKANKCTLO 60
OY 37 KDPATFALLTTOVOREIVYKNEHLKAVSPASNMKMSHEVYTNQKANKCTYR 96
DB 1 KDPATFALLTTOLOVOREIVYKNEHLKAVSPASNMKMSHEVYTNQKANKCTLO 60
OY 97 HSNPKDRMTSLKCGENTLYMSAPSMSQAISQMFDEYNDPFGVGPRTPAVAVGYHTOV 156
DB 61 HSPEDRKSTKTCGNTLYMSDPTSSSAIOSMYEIDFYGVGSPSNVAVGYHTOV 120
OY 157 WYSSYLWVGAGNVCNPKVLYKYVCYCPAGNMNRLRYVEYGAPCASCPCDNDCLC 216
DB 121 WYSYVGVGGLVAGNDSKLYTYVCYCPAGNMNRLRYVEYGAPCAGCCDDCLC 180
OY 217 TNGCKYEDLYSKCKSLTLTKKHQVLRDSCASCNSNSIT 258
DB 181 TNSCYTDLTSLNCSLTKNTACGEHLKCKATCLCEKNTI 222

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QY 76 MEMEAAANAKMANQNYHRHSPK-----DRMTSLKCEGENIXMS-APBSMAQ105 128
Dd 58 NSMDKLAQIAKWTAKYSCFEKH-NPOLSHRNHNTAL--GENIMLGSLSTFVSVA114
QY 129 WDEVDNEDFVGKTPNNAVGHITTOYVWYSSYLVCGNACVPNQKVLKYYVQYCPAG 188
Dd 115 WEEELKHIDEST--KRCRHVGCHITTOYVWADSYKLGCAVQLCPNGA---NFCIDYGPAG 168
QY 189 NMANFLVYPEEGAPCASC--DNCDDGLCTN-----GCKEYEDL 225
Dd 169 NNPPT---WPKQCATGSDCPKDKDCLNSLCINPRDQVSRYYSVDYPDWPIRLNRYTSL 225
QY 226 YSNCKSLK-----TLTCKHQ 241
Dd 226 FLIAKSYLLLSVIIRIWKHK 247

RESULT 4
US-10-091-135-06
: Sequence 86, Application US/10091135
: Publication NO US200300739650A1

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? GENERAL INFORMATION:
? APPLICANT: King, Te Piao
? TITLE OF INVENTION: SPANGFOLT, MICHAEL DHO
? TITLE OF INVENTION: RECOMBINANT HYBRID ALLERGEN CONSTRUCTS WITH REDUCED
? FILE REFERENCE: 2311/14581-US1
? CURRENT APPLICATION NUMBER: US/10/091,135
? CURRENT FILING DATE: 2002-03-04
? PRIOR APPLICATION NUMBER: US 60/272,818
? PRIOR FILING DATE: 2001-03-02
? NUMBER OF SEQ ID NOS: 98
? SOFTWARE: PatentIn version 3.1
? SEQ ID NO 86
? LENGTH: 245
? TYPE: PRT
? ORGANISM: Homo sapiens
US-10-091-135-86

Query Match          22.8%:  Score 337.5;  DB 9;  Length 245;
Best Local Similarity 37.0%:  Pred NO. 6 66-23:

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QY      25  AGLLESPANEDKDPATALLTTOYOBRYNNKHNELRAVSPBPAANLKKEMNKAA 84
      1  : : : : : : : : : : : : : : : : : : : : : : : : : : : :
      1  ANILPDI-ENED-----FIKRCIKRINFRSEVPTASDMLYTWNDPLAAO 45

QY      85  NQKMANOCYVRHS--NPKDRM-----TSIKCEGMLYMSAP--SSWSQAIOGFDEYDNF 136
      1  : : : : : : : : : : : : : : : : : : : : : : : : : : : :
      46  IAKMANASCOSFHNELTKPKHKLHPNETSL-GENIMTGSVPFVFSALITMTWDEIOY 103

QY      137  DGVGPKTPAAVYGHYTOVWVYSSYLWCGGNAYCQNOKVLYK-----YYVCOYCPAGS 189
      1  : : : : : : : : : : : : : : : : : : : : : : : : : : : :
      104  DEKTI-RICKKVGYGHYTOVWADSYKVGCAQFCP--KVSFPAALNSGHHPICTMYGGCGS 159

QY      190  WANRLVYVYQSGAPQASCQDN--CDQICLTN 218
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      Db  160  YPT---WPKRGATGTCACPNNDKCLNLCYN 187

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1 GENERAL INFORMATION:
2 APPLICANT: Baylor College of Medicine
3 APPLICANT: Thompson, Timothy C.
4 APPLICANT: Ren, Chengzhen
5 TITLE OF INVENTION: R1VP Based Compositions and Methods for the Treatment of Pros
6 FILE REFERENCE: 38594.0027
7 CURRENT APPLICATION NUMBER: US/09/876,225
8 CURRENT FILING DATE: 2001-06-08

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Fri Mar 14 14:00:10 2003

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Page 3

;; PRIOR APPLICATION NUMBER: US 60/209,989
;; PRIOR FILING DATE: 2000-06-08
;; NUMBER OF SEQ ID NOS: 5
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 3
;; LENGTH: 266
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-09-876-225-3

Query Match 22.6%; Score 325; DB 10; Length 266;
Best Local Similarity 34.9%; Pred. No. 1,3e-22;
Matches 81; Conservative 34; Mismatches 71; Indels 46; Gaps 12;

OY 9 LETTAMTLFPVLLFL-----VAGLLPSFPAEDKDAFTALLTTOTVOAREIVKKNELR 63
DB 1 MRYTLATIAMVSVFSVNSHTANILPDI-ENED-----FIKDCVRIHNKFR 45
OY 64 RAVSPPARNMUKKEMNKAAANAOKMANOCYRHS---NPKDRM-----TSLKCGENLYMS 116
DB 46 SEVKPTASDMYIMHPALAOJAKAMASNCQFHNTRLKPKIKHPNTSL--GENITWG 103
OY 117 SAP-SSMSOAIQSMFEYINDFPGVGRTPRAVYGHYTOVYVSSYLVGCGNAYCPNOXY 175
DB 104 SVPLFSVSSAITMYDEIDYDKT--RICKKVCGHYTOVYVADSKYKGCAYOCF--KV 159
OY 176 LKY-----YVCOYCPAGNMNANLVPYEOGAPCASCPRD--CDDGLCTN 218
DB 160 SGFDALNSGAHFICNTGPGGNPT--WPYKRGATCSACPNNDKCLDNLGVN 208

RESULT 6
US-09-925-301-853
;; Sequence 853 Application US/09925301
;; Patent No. US20020052308A1
;; GENERAL INFORMATION:
;; APPLICANT: Rosen et al.
;; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
;; FILE REFERENCE: PA106
;; CURRENT APPLICATION NUMBER: US/09/925,301
;; PRIOR FILING DATE: 2001-08-10
;; PRIOR APPLICATION NUMBER: PCR/US00/05882
;; PRIOR FILING DATE: 2000-03-08
;; PRIOR APPLICATION NUMBER: 60/124,270
;; PRIOR FILING DATE: 1999-03-12
;; NUMBER OF SEQ ID NOS: 1694
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 853
;; LENGTH: 302
;; TYPE: PRT
;; ORGANISM: Homo sapiens
;; FEATURE:
;; NAME/KEY: SITE
;; LOCATION: (228)
;; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-925-301-853

Query Match 22.1%; Score 318; DB 10; Length 302;
Best Local Similarity 35.3%; Pred. No. 6.5e-22;
Matches 83; Conservative 31; Mismatches 79; Indels 42; Gaps 12;

OY 2 KOILHPALETTA-MLEFVLLVAGLLPSFPAEDKDAFTALLTTOTVOAREIVKKN 60
DB 34 RQSMRYTLATIAMVSVFSVNSHTANILPDI-ENED-----FIKDCVRIHN 78
OY 61 ELRRAVSPPARNMUKKEMNKAAANAOKMANOCYRHS---NPKDRM-----TSLKCGEN 113
DB 79 KRSEVKPTASDMYIMHPALAOJAKAMASNCQFHNTRLKPKIKHPNTSL--GENI 136
OY 114 YMSAP-SSMSOAIQSMFEYINDFPGVGRTPRAVYGHYTOVYVSSYLVGCGNAYCPN 172
DB 137 WIGSVPIFSVSSAITMYDEIDYDKT--RICKKVCGHYTOVYVADSKYKGCAYOCF--KV 193

OY 173 OKLYK-----YVCOYCPAGNMNANLVPYEOGAPCASCPRD--CDDGLCTN 218
DB 194 -KVSFDALNSGAHFICNTGPGGNPT--WPYKRGATCSACPNNDKCLDNLGVN 244

RESULT 7
US-10-028-072-262
;; Sequence 262 Application US/10028072
;; Publication No. US20030004311A1
;; GENERAL INFORMATION:
;; APPLICANT: Baker, Kevin P.
;; APPLICANT: Beresini, Maureen
;; APPLICANT: DeForge, Laura
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Flivaeroff, Ellen
;; APPLICANT: Gao, Wei-Qiang
;; APPLICANT: Gerlitsen, Mary E.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Sherwood, Steven
;; APPLICANT: Smith, Victoria
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Tumas, Daniel
;; APPLICANT: Watanabe, Colin K
;; APPLICANT: Wood, William
;; APPLICANT: Zhang
;; TITLE OF INVENTION:
;; FILE REFERENCE:
;; CURRENT APPLICATION NUMBER: US/10/028,072
;; PRIOR FILING DATE: 2001-12-19
;; PRIOR APPLICATION NUMBER: 60/049911
;; PRIOR FILING DATE: 1997-06-18
;; PRIOR APPLICATION NUMBER: 60/056974
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PRIOR APPLICATION NUMBER: 60/090863
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/091360
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091519
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07

Query Match 21.0%; Score 301.5; DB 9; Length 242;
Best Local Similarity 35.5%; Pred. No. 1,7e-20;
Matches 78; Conservative 31; Mismatches 82; Indels 29; Gaps 9;

OY 8 ALETTAMTLFVLLFLVAGLLSPFANEKDPATFALLTTQTOVOREIYNHNELEBRAVS 67
DB 2 ALKNFSCLMTIGCLVATTSKIPS--ITDPHIT-----DNCEAHNEMRKXV 49
OY 68 PPARNNLMEENKRAAANAKNANOCNTRHSPDRRTSLK-----GENLHSSAPS 120
DB 50 PPADMKYTHWDKLANAKANANOCKFEHNDCLDK--STKCYAEYVENIWLGSIKS 107

OY 121 -SMSQAIOSEFDEYNDGCVGPKTPNAVYGHYTOVWYSSYLWGCGNAYCPN-QKVLKY 178
 DB 108 FTPRHAITAMVNETOYDF--DSLSCSRVCGHYTOLVWANSFYVGCAMCPNLGASTA 165
 OY 179 YVVOYCPAGNMNRLVYPEBOGAPCASC--PDNCDGIC 216
 DB 166 IFVCNYPAGNPNAN--MPPYARGESCSLCKEKCVCVKNLC 203

RESULT 8

US-10-121-049-262
 Sequence 262, Application US/10121049
 Publication No. US20030022239A1

GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: Deforge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerlitsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 TITLE OF INVENTION: ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C17
 CURRENT APPLICATION NUMBER: US/10/121,049
 CURRENT FILING DATE: 2002-04-12
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 262
 LENGTH: 242
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-121-049-262

Query Match 21.0%; Score 301.5; DB 9; Length 242;
 Best Local Similarity 35.5%; Pred. No. 1.7e-20;
 Matches 78; Conservative 31; Mismatches 82; Indels 29; Gaps 9;

OY 8 ALETTAMTLEFPVLLFLVAGLLPSFPANEDKDPATFALLTTOGOVOREIVNKHNELRRAVS 67
 DB 2 ALKNKFSCLMILGLCLVATTSKIPS--ITDPHF1-----DNCIEAHNEMRGKVN 49
 OY 68 PPARNMLKEMNKEEAANAOKNANOCNTRHSNPKDRMTSLKC-----GENLYSSAPS 120
 DB 50 PPAADMKXIMDKGLAKAKANANOCNTRHSNPKDRMTSLKC-----GENLYSSAPS 107
 OY 121 -SMSQAIOSEFDEYNDGCVGPKTPNAVYGHYTOVWYSSYLWGCGNAYCPN-QKVLKY 178
 DB 108 FTPRHAITAMVNETOYDF--DSLSCSRVCGHYTOLVWANSFYVGCAMCPNLGASTA 165
 OY 179 YVVOYCPAGNMNRLVYPEBOGAPCASC--PDNCDGIC 216
 DB 166 IFVCNYPAGNPNAN--MPPYARGESCSLCKEKCVCVKNLC 203

RESULT 9

US-10-123-904-262
 Sequence 262, Application US/10123904
 Publication No. US20030022338A1

GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen

APPLICANT: Deforge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerlitsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 TITLE OF INVENTION: ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C54
 CURRENT APPLICATION NUMBER: US/10/123,904
 CURRENT FILING DATE: 2002-04-16
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 262
 LENGTH: 242
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-123-904-262

Query Match 21.0%; Score 301.5; DB 9; Length 242;
 Best Local Similarity 35.5%; Pred. No. 1.7e-20;
 Matches 78; Conservative 31; Mismatches 82; Indels 29; Gaps 9;

OY 8 ALETTAMTLEFPVLLFLVAGLLPSFPANEDKDPATFALLTTOGOVOREIVNKHNELRRAVS 67
 DB 2 ALKNKFSCLMILGLCLVATTSKIPS--ITDPHF1-----DNCIEAHNEMRGKVN 49
 OY 68 PPARNMLKEMNKEEAANAOKNANOCNTRHSNPKDRMTSLKC-----GENLYSSAPS 120
 DB 50 PPAADMKXIMDKGLAKAKANANOCNTRHSNPKDRMTSLKC-----GENLYSSAPS 107
 OY 121 -SMSQAIOSEFDEYNDGCVGPKTPNAVYGHYTOVWYSSYLWGCGNAYCPN-QKVLKY 178
 DB 108 FTPRHAITAMVNETOYDF--DSLSCSRVCGHYTOLVWANSFYVGCAMCPNLGASTA 165
 OY 179 YVVOYCPAGNMNRLVYPEBOGAPCASC--PDNCDGIC 216
 DB 166 IFVCNYPAGNPNAN--MPPYARGESCSLCKEKCVCVKNLC 203

RESULT 10

US-10-140-470-262
 Sequence 262, Application US/10140470
 Publication No. US20030022331A1

GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: Deforge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerlitsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P330R1C160
 CURRENT APPLICATION NUMBER: US/10/140,470
 CURRENT FILING DATE: 2002-05-06
 Prior Application removed - See Palm or File wrapper
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 262
 LENGTH: 242
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-140-470-262

Query Match 21.0%: Score 301.5; DB 9; Length 242;
 Best Local Similarity 35.5%: Pred. No. 1.7e-20;
 Matches 78; Conservative 31; Mismatches 82; Indels 29; Gaps 9;

QY 8 ALETTAMTLFPVLLFLVAGLPSFPANEDKDPATFALLTTOTVOOREIYNKHNELEBRAVS 67
 DB 2 ALKNKFSCLMILGLCLVATTSKIPS--ITDPHF-----DNCIEAHNEHMGKVN 49
 QY 68 PPARMLKMEMNKEAANAKWANCYRHSNPKDRMTSLKC-----GENLYMSSAPS 120
 DB 50 PPADMKYIMDKLAKMAKAWANCKFEHNDCLDK--SYKCYAFAEYVGENIMLGSIKS 107
 QY 121 -SMSOAIOSWFEYNDPFCVGPRTPNAYVGHYTOVWYSSYLVCAGNAYCPN-QKVLKY 178
 DB 108 FTFRHAIITAMYNETOYDF--DSLSCSRVCGHYTOLVWANSFYVGCAYVAMPNIGASTA 165
 QY 179 YVVOYCPAGNMANRLVPEYEGAPCASC--PDNCDGILC 216
 DB 166 IFVCNIGPAGNFAN--MPYARGESCSLCKEKCVCVKNLC 203

RESULT 11

US-10-175-746-262
 Sequence 262, Application US/10175746
 Publication No. US20030027270A1

GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: Deforge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Geriltsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE OF INVENTION: ACIDS ENCODING THE SAME
 FILE REFERENCE: P330R1C33
 CURRENT APPLICATION NUMBER: US/10/175,746
 CURRENT FILING DATE: 2002-06-19
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 262
 LENGTH: 242
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-175-746-262

Query Match 21.0%: Score 301.5; DB 9; Length 242;
 Best Local Similarity 35.5%: Pred. No. 1.7e-20;
 Matches 78; Conservative 31; Mismatches 82; Indels 29; Gaps 9;
 QY 8 ALETTAMTLFPVLLFLVAGLPSFPANEDKDPATFALLTTOTVOOREIYNKHNELEBRAVS 67
 DB 2 ALKNKFSCLMILGLCLVATTSKIPS--ITDPHF-----DNCIEAHNEHMGKVN 49

DB 2 ALKNKFSCLMILGLCLVATTSKIPS--ITDPHF-----DNCIEAHNEHMGKVN 49
 QY 68 PPARMLKMEMNKEAANAKWANCYRHSNPKDRMTSLKC-----GENLYMSSAPS 120
 DB 50 PPADMKYIMDKLAKMAKAWANCKFEHNDCLDK--SYKCYAFAEYVGENIMLGSIKS 107
 QY 121 -SMSOAIOSWFEYNDPFCVGPRTPNAYVGHYTOVWYSSYLVCAGNAYCPN-QKVLKY 178
 DB 108 FTFRHAIITAMYNETOYDF--DSLSCSRVCGHYTOLVWANSFYVGCAYVAMPNIGASTA 165
 QY 179 YVVOYCPAGNMANRLVPEYEGAPCASC--PDNCDGILC 216
 DB 166 IFVCNIGPAGNFAN--MPYARGESCSLCKEKCVCVKNLC 203

RESULT 12

US-10-176-918-262
 Sequence 262, Application US/10176918
 Publication No. US20030027275A1

GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: Deforge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Geriltsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE OF INVENTION: ACIDS ENCODING THE SAME
 FILE REFERENCE: P330R1C382
 CURRENT APPLICATION NUMBER: US/10/176,918
 CURRENT FILING DATE: 2002-06-20
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 262
 LENGTH: 242
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-176-918-262

Query Match 21.0%: Score 301.5; DB 9; Length 242;
 Best Local Similarity 35.5%: Pred. No. 1.7e-20;
 Matches 78; Conservative 31; Mismatches 82; Indels 29; Gaps 9;

QY 8 ALETTAMTLFPVLLFLVAGLPSFPANEDKDPATFALLTTOTVOOREIYNKHNELEBRAVS 67
 DB 2 ALKNKFSCLMILGLCLVATTSKIPS--ITDPHF-----DNCIEAHNEHMGKVN 49
 QY 68 PPARMLKMEMNKEAANAKWANCYRHSNPKDRMTSLKC-----GENLYMSSAPS 120
 DB 50 PPADMKYIMDKLAKMAKAWANCKFEHNDCLDK--SYKCYAFAEYVGENIMLGSIKS 107
 QY 121 -SMSOAIOSWFEYNDPFCVGPRTPNAYVGHYTOVWYSSYLVCAGNAYCPN-QKVLKY 178
 DB 108 FTFRHAIITAMYNETOYDF--DSLSCSRVCGHYTOLVWANSFYVGCAYVAMPNIGASTA 165
 QY 179 YVVOYCPAGNMANRLVPEYEGAPCASC--PDNCDGILC 216
 DB 166 IFVCNIGPAGNFAN--MPYARGESCSLCKEKCVCVKNLC 203

RESULT 13

US-10-176-921-262

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: Sequence 262, Application US/10176921
: Publication No. US20030027276A1
: GENERAL INFORMATION:
: APPLICANT: Baker, Kevin P.
: APPLICANT: Beresini, Maureen
: APPLICANT: Deforge, Laura
: APPLICANT: Desnoyers, Luc
: APPLICANT: Filvaroff, Ellen
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Gerltsen, Mary E.
: APPLICANT: Goddard, Audrey
: APPLICANT: Godowski, Paul J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Sherwood, Steven
: APPLICANT: Smith, Victoria
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Matanabe, Colin K
: APPLICANT: Wood, William
: APPLICANT: Zhang, Zhen
: TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
: FILE OF INVENTION: ACIDS ENCODING THE SAME
: FILE REFERENCE: P330RJC288
: CURRENT APPLICATION NUMBER: US/10/176,921
: CURRENT FILING DATE: 2002-06-20
: Prior Application removed - See File Wrapper or Palm
: NUMBER OF SEQ ID NOS: 550
: SEQ ID NO 262
: LENGTH: 242
: TYPE: prt
: ORGANISM: Homo Sapien
: US-10-176-921-262

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      21.0%; Score 301.5; DB 9; Length 242;
      Query Local Similarity 35.5%; Pred. No. 1.7e-20;
      Matches 78; Conservative 31; Mismatches 82; Indels 29; Gaps 9

      QY      8 ALETTAMTFPVLLFLVAGLLSPSPANENKOPAFALTLTTOYOVOREYINKNEIRARVS 67
      DB      2 ALNKKSCMLTIGLCLVATYSSKIPS--ITDHF1-----DNCIEAHNEWRGVN 49
      QY      68 PPARNMILKENNKEAANAANOKMANOCNRYHSNPKDRMTSLKC-----GENLYSSAPS 120
      DB      50 PPADKKYVIMTWKGLAKAKAMANOCKFEHNCLDK--SYXCAAEFYGENIMIGKIS 107
      QY      121 -SMSQAISMPFEYNDPFGGPRPTNAVYGYTOVWYSSYLWGSGNAYCPN-QVLYKY 178
      DB      108 FTRPHALITAYMETQFYDF--DLSICSRICGHTTOLVANSFYGCAYVACNRLGASTA 165
      QY      179 YVVCQICPAGNNANRLVPIYEQGAFPCSC--PDNCDGILC 216
      DB      166 IFVCNMGYPAGNFAN--MPPYARGESCILSKKECKVKNLC 203

      RESULT 14
      US-10-137-865-262
      : Sequence 262, Application US/10137865
      : Publication No. US2003003215A1
      : GENERAL INFORMATION:
      : APPLICANT: Baker, Kevin P.
      : APPLICANT: Beresini, Maureen
      : APPLICANT: DeForge, Laura
      : APPLICANT: Desnoyers, Luc
      : APPLICANT: Filvaroff, Ellen
      : APPLICANT: Gao, Wei-Qiang
      : APPLICANT: Gerritsen, Mary E.
      : APPLICANT: Goddard, Audrey
      : APPLICANT: Godowski, Paul J.
      : APPLICANT: Gurney, Austin L.
      : APPLICANT: Sherwood, Steven
      : APPLICANT: Smith, Victoria
      : APPLICANT: Stewart, Timothy A.
      : APPLICANT: Tumas, Daniel
  
```

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? APPLICANT: Matanade, Colin K
? APPLICANT: Wood, William
? APPLICANT: Zhang, Zemin
? TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
? FILE OF INVENTION: ACIDS ENCODING THE SAME
? FILE REFERENCE: P33081C154
? CURRENT APPLICATION NUMBER: US/10/137,865
? CURRENT FILING DATE: 2002-05-03
? Prior Application removed - See Palm or File Wrapper
? NUMBER OF SEQ ID NOS: 550
? SEQ ID NO 262
? LENGTH: 242
? TYPE: PRT
? ORGANISM: Homo Sapien
?
US-10-137-865-262

Query Match          21 0%   Score 301.5   DB 9   Length 242:
Best Local Similarity 35.5%   Pred No 1,7e-20:
Matches      78: Conservative    31: Mismatches      82: Indels      29: Gaps      9:

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Qy 8 ALTATAMTLEPVLLLELYVALVLSPPAENEDDPAFTALLTQTQVGRBIYVKNHLLRRAYS 67
 Db 2 ALKNKFSCLMILGLICLVATTSKIPS--ITDPFT-----DNCIEAHNRKGVN 49
 Qy 68 PARNMKLEMKNEEAANQKAWANCYRHSNPKDRTSLKC-----GENLYSSAPS 120
 Db 50 PPAADMKYIMDKGLAKMAKAWANQCKEHNDCIDK--SYCAAFAYEVGENTMLGSIKS 107
 Qy 121 -SKSAQISWDELDENFDGVGPKTPPNAVYGHGTQVYVYSSILVGCNNAICPY-QKYLKY 178
 Db 108 FPPRIHAIITAWNEFQYDF--DSLSCSYVCGHGTQIYMANSSYYGCAVAMCPNLGASTA 165
 Qy 179 YVYVCYCPAGMANRLVYVEGAFCAASC--PNCRDGLC 216
 Db 166 IFVYCNTPAGNFAN--MPTFAGESCILCSMEKCYKNLC 203

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RESULT 15
US-10-140-474-262
: Sequence 262, Application US/10140474
: Publication No. US20030032156A1
: GENERAL INFORMATION:
: APPLICANT: Baker, Kevin P.
: APPLICANT: Beresini, Maureen
: APPLICANT: DeForge, Laura
: APPLICANT: Desnoyers, Luc
: APPLICANT: Filvaroff, Ellen
: APPLICANT: Gao, Mei-Qiang
: APPLICANT: Gerritsen, Mary E.
: APPLICANT: Goddard, Audrey
: APPLICANT: Godowski, Paul J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Sherwood, Steven
: APPLICANT: Smith, Victoria
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Watanabe, Colin K
: APPLICANT: Wood, William
: APPLICANT: Zhang, Zemin
: TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEICACID
: TITLE OF INVENTION: ACIDS ENCODING THE SAME
: FILE REFERENCE: P3330R10163
: CURRENT APPLICATION NUMBER: US/10/140,474
: CURRENT FILING DATE: 2002-05-06
: Prior Application removed - See Palm or File Wrapper
: NUMBER OF SEQ ID NOS: 550
: SEQ ID NO 262
: LENGTH: 242
: TYPE: PRT
: ORGANISM: Homo Sapien
US-10-140-474-262

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Fri Mar 14 14:00:10 2003

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Page 8

Best Local Similarity 35.58; Pred. No. 1.7e-20;
Matches 78; Conservative 31; Mismatches 82; Indels 29; Gaps 9;
OY 8 ALETTAMTLPVLLFLVAGCLFSPANEDKDPATALLTTOVOQREIYNKHNELRAVS 67
DB 2 ALKNKFSCLWILGLCLVATTSKIPS--ITDPHF-----DNCIEAHNEMRGKVN 49
OY 68 PPARNMLKMEMNKEAANAOKWANCYVRHSNPKDRMTSLKC-----GENLYMSAPS 120
DB 50 PPAADMVYIMDKLAKKAKMANOCKFEHNDCLDK--SYKCYAFAFEYVGENITLGIKS 107
OY 121 -SNGOAIOSWFDEYNDPFGVGKTPNANVGHITQYVWYSSLYCGGNATCPN-QKVLKY 178
DB 108 PPRHAIITAMVNETOFDF--DSLCSRVCGHYTOLWANSFYVGCAYAMCPNLGGASTA 165
OY 179 YVCOYCPAGNMANRLVPEYEGAPCASC--PNCDDGLC 216
DB 166 IFVCNYGPAGNFAN--MPPYARGESCSLCSKEKCVKNLC 203

Search completed: March 14, 2003, 05:41:58
Job time : 19.3596 secs